

CLAIMS

What is claimed is:

1. A radial bearing disposed between transmission parts moving in opposition to one another at different speed, comprising:
an inner sleeve for attachment to one transmission part;
an outer sleeve; for attachment to another transmission part;
plural rolling bodies disposed between the inner sleeve and the outer sleeve, wherein at least one member selected from the group consisting of the inner sleeve and the outer sleeve is provided with a coating which contains ZnNi or ZNFe and is applied galvanically onto the member before attachment to the respective transmission part.
2. The radial bearing of claim 1 operated by a pressure medium, wherein the member has openings for passage of the pressure medium to a pressure medium feed bore in one of the transmission parts and a pressure medium bore in the other one of the transmission parts.
3. The radial bearing of claim 1, wherein the member is placed by means of a press-fit in the respective transmission part.
4. The radial bearing of claim 1, wherein the transmission part interacting with the outer sleeve is made of a cast iron material.

5. A sleeve having an outer surface provided with a coating containing ZnNi or ZnFe and applied galvanically on the outer surface for providing adhesive properties for attachment to a component.